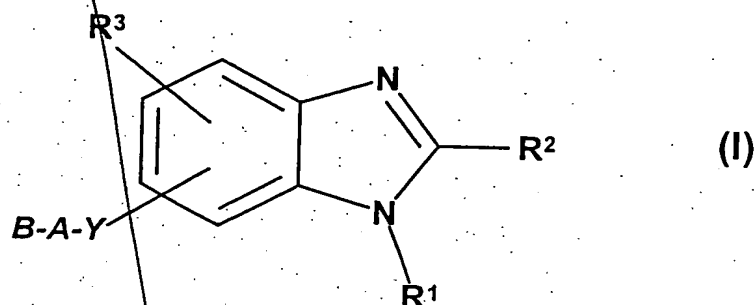


Claims

1.



in which

R^1 means a monocyclic or bicyclic C_{6-12} aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl group with 1-4 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl or heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

F, Cl, Br, I,

$C(NH)NH_2$, $C(NH)NHR^4$, $C(NH)NR^4R^{4'}$, $C(NR^4)NH_2$, $C(NR^4)NHR^{4'}$,
 $C(NR^4)NR^4R^{4'}$,

XOH , XOR^4 , $XOCOR^4$, $XOCONHR^4$, $XOCOOR^4$,

$XCOR^4$, $XC(NOHR^4)$, $XC(NOR^4)R^{4'}$, $XC(NO(COR^4))R^{4'}$

XCN , $XCOOH$, $XCOOR^4$, $XCONH_2$, $XCONR^4R^{4'}$, $XCONHR^4$, $XCONHOH$,
 $XCONHOR^4$, $XCOSR^4$

XSR^4 , $XSOR^4$, XSO_2R^4 ,

SO_2NH_2 , SO_2NHR^4 , $SO_2NR^4R^{4'}$,

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NO_2 , XNH_2 , XNHR^4 , $\text{XNR}^4\text{R}^{4'}$, XNHSO_2R^4 , $\text{XN}(\text{SO}_2\text{R}^4)\text{SO}_2\text{R}^{4'}$,
 $\text{XNR}^4\text{SO}_2\text{R}^{4'}$,

XNHCOOR^4 , XNHCOOR^4 , XNHCONHR^4 , tetrahydro-2,5-dioxopyrrol-1-yl, 2,5-dihydro-2,5-dioxopyrrol-1-yl, 2,7-dihydro-2,7-dioxoisindol-1-yl, R^4 ,

whereby two substituents at R^1 , if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-diyl,

R^2 means a monocyclic or bicyclic C_{6-10} aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl group with 1-4 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl or heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

F, Cl, Br, I,

XOH , XOR^4 , XOCOR^4 , XOCONHR^4 , XOCOOR^4 ,

XCOR^4 , $\text{XC}(\text{NOH})\text{R}^4$, $\text{XC}(\text{NOR}^4)\text{R}^{4'}$, $\text{XC}(\text{NO}(\text{COR}^4))\text{R}^{4'}$,

XCOOH , XCOOR^4 , XCONH_2 , XCONHR^4 , $\text{XCONR}^4\text{R}^{4'}$, XCONHOH ,

XCONHOR^4 , XCOSR^4 ,

XSR^4 , XSOR^4 , XSO_2R^4 , SO_2NH_2 , SO_2NHR^4 , $\text{SO}_2\text{NR}^4\text{R}^{4'}$,

NO_2 , XNHR^4 , $\text{XNR}^4\text{R}^{4'}$, XNHSO_2R^4 , $\text{XN}(\text{SO}_2\text{R}^4)\text{SO}_2\text{R}^{4'}$,

$\text{XNR}^4\text{SO}_2\text{R}^{4'}$, tetrahydro-2,5-dioxopyrrol-1-yl, 2,5-dihydro-2,5-dioxopyrrol-1-yl, 2,7-dihydro-2,7-dioxoisindol-1-yl, R^4 ,

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whereby two substituents at R^2 , if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediyl-bisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-diyl,

R^3 means one or two substituents, which form, independently of one another:

hydrogen,

F, Cl, Br, I,

XOH, XOR^4 , $XOCOR^4$, $XOCONHR^4$, $XOCOOR^4$,

$XCOR^4$, $XC(NOHR^4)$, $XC(NOR^4)R^{4'}$, $XC(NO(COR^4))R^{4'}$,

XCN, XCOOH, $XCOOR^4$, $XCONH_2$, $XCONHR^4$, $XCONR^4R^{4'}$, $XCONHOH$,

$XCONHOR^4$, $XCOSR^4$, XSR^4 , $XSOR^4$, XSO_2R^4 , SO_2NH_2 , SO_2NHR^4 ,

$SO_2NR^4R^{4'}$,

NO_2 , XNH_2 , $XNHR^4$, $XNR^4R^{4'}$,

$XNH SO_2R^4$, $XNR^4 SO_2R^{4'}$, $XN(SO_2R^4)(SO_2R^{4'})$,

$XNH COR^4$, $XNH COOR^4$, $XNH CONHR^4$, tetrahydro-2,5-

dioxopyrrol-1-yl, 2,5-dihydro-2,5-dioxopyrrol-1-yl,

2,7-dihydro-2,7-dioxoisindol-1-yl, or R^3 can be R^4 ,

whereby two substituents at R^3 , if they are in ortho-position to one another, can be linked to one another

in such a way that they jointly form methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-diyl,

R^4 and $R^{4'}$, independently of one another, mean C_{1-4}

perfluoroalkyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_3 -cycloalkyl, (C_{1-3} alkyl- C_{3-7} cycloalkyl), C_{1-3} alkyl- C_{6-10}

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aryl, C_{1-3} alkyl-5 to 10-membered heteroaryl, with 1-4 N, S or O atoms, C_{6-10} aryl or 5- to 10-membered heteroaryl with 1-4 N, S or O atoms, whereby the aryl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F, Cl, Br, CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 , or else can carry an annelated methanediylbisoxo group or ethane-1,2-diylbisoxo group, and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl,

R^5 and $R^{5'}$, independently of one another, mean C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, whereby a carbon atom can be exchanged for O, S, SO, SO_2 , NH, N C_{1-3} alkyl or N C_{1-3} alkanoyl,

C_{3-7} cycloalkyl- C_{0-3} alkyl, whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl,

C_{6-10} aryl or 5- to 10-membered heteroaryl with 1-4 heteroatoms from N, S, and O, whereby the mentioned alkyl, alkenyl and alkynyl chains can be substituted

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with one of the previously mentioned cycloalkyls, aryls or heteroaryls,

whereby all previously mentioned alkyl and cycloalkyl radicals with up to two substituents consisting of CF_3 , C_2F_5 , OH , O C_{1-3} alkyl, NH_2 , NH C_{1-3} alkyl, NH C_{1-3} alkanoyl, $\text{N (C}_{1-3} \text{ alkyl)}_2$, $\text{N(C}_{1-3} \text{ alkyl)(C}_{1-3} \text{ alkanoyl)}$, COOH , CONH_2 , COO C_{1-3} alkyl and all previously mentioned aryl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F , Cl , Br , CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 or else can carry an annelated methanediylbisoxo, ethane-1,2-diylbisoxo group,

or R^5 and $\text{R}^{5'}$ together with the nitrogen atom form a 5- to 7-membered heterocyclic compound, which can contain another oxygen, nitrogen or sulfur atom and can be substituted with C_{1-4} alkyl, C_{1-4} alkoxy- C_{0-2} alkyl, C_{1-4} alkoxy-carbonyl, aminocarbonyl or phenyl,

A means C_{1-10} alkanediyl, C_{2-10} alkenediyl, C_{2-10} alkinediyl, (C_{0-5} alkanediyl- C_{3-7} cycloalkanediyl- C_{0-5} alkanediyl), whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl, whereby in the above-mentioned aliphatic chains, a carbon atom or two carbon atoms can be exchanged for O, NH, N C_{1-3} alkyl, N C_{1-3} alkanoyl, and whereby alkyl or

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cycloalkyl groups can be substituted with up to two substituents consisting of =O, OH, O C₁₋₃ alkyl, NH₂, NH C₁₋₃ alkyl, NH C₁₋₃ alkanoyl, N (C₁₋₃ alkyl)₂, N(C₁₋₃ alkyl) (C₁₋₃ alkanoyl),

B means COOH, COOR⁵, CONH₂, CONHNH₂, CONHR⁵, CONR⁵R^{5'}, CONHOH, CONHOR⁵, SO₃H, SO₂NH₂, SO₂NHR⁵, SO₂NR⁵R^{5'}, PO₃H, PO(OH)(OR⁵), PO(OR⁵)(OR^{5'}), PO(OH)(NHR⁵), PO(NHR⁵)(NHR^{5'}), tetrazolyl,

in each case bonded to a carbon atom of group A, or the entire group Y-A-B N(SO₂R⁴)(SO₂R^{4'}) or NHSO₂R⁴,

X means a bond, CH₂, (CH₂)₂, CH(CH₃), (CH₂)₃, CH(CH₂CH₃), CH(CH₃)CH₂, CH₂CH(CH₃),

Y means O, NH, NR⁴, NCOR⁴, NSO₂R⁴,

provided that if Y means NH, NR⁴, NCOR⁴ or NSO₂R⁴, and

a) substituent R² contains a nitrogen-containing, saturated heterocyclic compound, this heterocyclic compound is not substituted in the imine nitrogen with H, methyl, ethyl, propyl or isopropyl,

or

b) in optionally present groups XNHR⁴ or XNR⁴R^{4'} of substituent R², R⁴ and/or R^{4'} does not mean C₁₋₄ alkyl,

that B does not mean COOH, SO₃H, PO₃H₂ or tetrazolyl at the same time, and R¹ and R², independently of one another, mean C₅₋₆ heteroaryl or phenyl, if the latter, independently of one another, are unsubstituted, or are substituted simply with C₁₋₆

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 alkyl, C₁₋₄ perfluoroalkyl, O C₁₋₆ alkyl, O C₁₋₄ perfluoroalkyl, COOH, COO C₁₋₆ alkyl, CO C₁₋₆ alkyl, CONH₂, CONHR⁴, NO₂, NH₂, NHCOR⁴, NHSO₂R⁴, or with 1 or 2 halogen atoms from the group that consists of F, Cl, Br, and I, and whereby the following compounds are excluded:

[(1,2-Diphenyl-1H-benzimidazol-6-yl)oxy]acetic acid methyl ester,

5-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]pentanoic acid methyl ester,

4-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]butanoic acid ethyl ester,

5-[[1-(4-nitrophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester,

6-[[1-(4-nitrophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester,

5-[[1-(4-aminophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester,

5-[[1-[4-[(4-chlorophenyl)sulfonyl]amino]phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester,

5-[[1-[4-[(acetyl)amino]phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester

5-[[1-(3-nitrophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester,

6-[[1-(3-nitrophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester,

5-[[1-(3-aminophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester,

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5-[[1-[3-[[[(4-chlorophenyl)sulfonyl]amino]phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester,

5-[[1-[3-[(acetyl)amino]phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester.

2. Benzimidazoles according to claim 1, characterized in that

R¹ means a monocyclic or bicyclic C₆₋₁₂ aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl group with 1-2 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl or heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

F, Cl, Br,

XOH, XOR⁴, XOCOR⁴, XOCONHR⁴, XOCOOR⁴,

XCOR⁴, XCN, XCOOH, XCOOR⁴, XCONH₂, XCONR⁴R^{4'}, XCONHR⁴,

XCONHOH, XCONHOR⁴, XCOSR⁴, XSR⁴, NO₂, XNHR⁴, XNR⁴R^{4'}, R⁴,

whereby two substituents at R¹, if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxy, ethane-1,2-diylbisoxy, propane-1,3-diyl, butane-1,4-diyl.

3. Benzimidazoles according to claim 1 or 2, wherein

R² means a monocyclic or bicyclic C₆₋₁₀ aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl group with 1-2 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl or

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heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

F, Cl, Br,

XOH, XOR⁴, XOCOR⁴, XOCONHR⁴, XOCOOR⁴,

XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R^{4'}, XC(NO(COR⁴))R^{4'},

XCOOH, XCOOR⁴, XCONH₂, XCONHR⁴, XCONR⁴R^{4'}, XCONHOH,

XCONHOR⁴, XCOSR⁴,

XSR⁴, XSOR⁴, XSO₂R⁴, SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R^{4'},

NO₂, XNHR⁴, XNR⁴R^{4'}, XNHSO₂R⁴, XN(SO₂R⁴)SO₂R^{4'}, XNR⁴SO₂R^{4'},

R⁴,

whereby two substituents at R², if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-diyl.

4. Benzimidazoles according to one of claims 1-3, wherein R³ means one or two substituents, which, independently of one another, can be:

hydrogen, F, Cl, Br,

XOH, XOR⁴, XOCOR⁴, XOCONHR⁴, XOCOOR⁴,

XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R^{4'}, XC(NO(COR⁴))R^{4'},

XCN, XSR⁴, XSOR⁴, XSO₂R⁴, SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R^{4'},

NO₂, XNH₂, XNHR⁴, XNR⁴N^{4'},

XNHSO₂R⁴, XNR⁴SO₂R^{4'}, XN(SO₂R⁴)SO₂R^{4'},

XNHCOR⁴, XNHCOOR⁴, XNHCONHR⁴, or R⁴, whereby two

substituents R³, if they are in ortho-position to one

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another, can be linked to one another in such a way that they jointly form methanediylbisoxy, ethane-1,2-diylbisoxy, propane-1,3-diyl, or butane-1,4-diyl.

5. Benzimidazoles according to one of claims 1-4, wherein R^4 and $R^{4'}$, independently of one another, mean CF_3 , C_2F_5 , C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{3-6} cycloalkyl, (C_{1-3} alkyl- C_{3-6} cycloalkyl), phenyl or 5- to 6-membered heteroaryl with 1-2 N, S or O atoms, whereby the phenyl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F, Cl, Br, CH_3 , C_2H_5 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 ,

and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl.

6. Benzimidazoles according to one of claims 1-5, wherein R^5 and $R^{5'}$, independently of one another, can be C_{1-6} alkyl, whereby a carbon atom can be exchanged for O, NH, N C_{1-3} alkyl, N C_{1-3} alkanoyl, C_{3-7} cycloalkyl- C_{0-3} alkyl, whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl, whereby the mentioned C_{1-6} alkyl part can be substituted with one of the previously mentioned

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cycloalkyls or else a 5- to 6-membered heteroaromatic compound with 1-2 heteroatoms, selected from N, S or O, whereby all previously mentioned alkyl and cycloalkyl parts can be substituted with up to two substituents that consist of CF_3 , OH, O C_{1-3} alkyl, and the previously mentioned heteroaryl groups with one or two substituents that consist of F, Cl, CF_3 , CH_3 , C_2H_5 , OCH_3 , OC_2H_5 , or R^5 and $\text{R}^{5'}$ together with the nitrogen atom form a 5- to 7-membered heterocyclic compound, which can contain another oxygen, nitrogen or sulfur atom and can be substituted with C_{1-4} alkyl, C_{1-4} alkoxy- C_{0-2} alkyl, C_{1-4} alkoxy-carbonyl, aminocarbonyl or phenyl.

7. Benzimidazoles according to one of claims 1-6, wherein
- A means C_{1-10} alkanediyl, C_{2-10} alkenediyl, C_{2-10} alkinediyl, (C_{0-5} alkanediyl- C_{3-7} cycloalkanediyl- C_{0-5} alkanediyl), whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O, or in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl, whereby in the above-mentioned aliphatic chains, a carbon atom or two carbon atoms can be exchanged for O, NH, N C_{1-3} alkyl, or N C_{1-3} alkanoyl.
8. Benzimidazoles according to one of claims 1-7, wherein
- B means COOH , COOR^5 , CONH_2 , CONHR^5 , $\text{CONR}^5\text{R}^{5'}$, CONHOH , CONHOR^5 or tetrazolyl, in each case bonded to a carbon atom of group A.

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9. Benzimidazoles according to one of claims 1-8, wherein

X means a bond or methylene.

10. Benzimidazoles according to one of claims 1-9, wherein

Y means O.

11. [(1,2-Diphenyl-1H-benzimidazol-6-yl)oxy]acetic acid

isopropyl ester

3-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]propanoic acid

methyl ester

2-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]propanoic acid

methyl ester

4-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]butanoic acid

isopropyl ester

5-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]pentanoic acid

isopropyl ester

6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanoic acid

methyl ester

6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanoic acid

isopropyl ester

6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-methoxy-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(phenylmethoxy)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-hydroxy-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

7-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]heptanoic acid

methyl ester

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6-[[1-(3-nitrophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[2-phenyl-1-[3-(trifluoromethyl)phenyl]-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-[3-(trifluoromethyl)phenyl]-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(3-cyanophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(3-cyanophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(3-cyanophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[1-(4-cyanophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-cyanophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(3-chlorophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(3-chlorophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(4-chlorophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-chlorophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(3-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

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6-[[1-(3-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(3,5-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(3,5-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-(3-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(3,4-dimethoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-[3,4-(methylenedioxy)phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-[3,4-(methylenedioxy)phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid

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6-[[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-[4-(N,N-dimethylamino)phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-[4-(N,N-dimethylamino)phenyl]-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[1-phenyl-2-[3-(trifluoromethyl)phenyl]-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[2-(3-chlorophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(3-chlorophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[2-(4-chlorophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-chlorophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[2-(4-methylphenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-methylphenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1-phenyl-2-(4-pyridinyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[(1,2-diphenyl-5-nitro-1H-benzimidazol-6-yl)oxy]hexanoic acid methyl ester

6-[(1,2-diphenyl-5-nitro-1H-benzimidazol-6-yl)oxy]hexanoic acid isopropyl ester

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Sub
C4
Cont.

6-[[5-[[[4-bromophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[5-[[[4-chlorophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[4-chlorophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1,2-diphenyl-5-[[[3-methylphenyl)sulfonyl]amino]-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1,2-diphenyl-5-[[[4-methylphenyl)sulfonyl]amino]-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1,2-diphenyl-5-[[[4-methoxyphenyl)sulfonyl]amino]-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1,2-diphenyl-5-[[[4-trifluoromethyl)phenyl)sulfonyl]amino]-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[5-[[[4-(acetylamino)phenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]-hexanoic acid isopropyl ester

6-[[5-[[bis(3-chlorophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[1,2-diphenyl-5-[(propylsulfonyl)amino]-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[5-[(benzylsulfonyl)amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

2-[2-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]ethoxy]acetic acid methyl ester

3-[2-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]ethoxy]propanoic acid methyl ester

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Sub
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cont.

6-[[1-(3-nitrophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid ethyl ester

6-[[4-acetyl-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-5-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-[4-(thiomethyl)phenyl]-1H-benzimidazol-5-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-[4-(thiomethyl)phenyl]-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-(3-thienyl)-1H-benzimidazol-5-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-(3-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

4-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]butanoic acid methyl ester

N-(phenylmethoxy)-6-[[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]-hexanamide

N,N-dimethyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isopropyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]-1-pyrrolidin-1-ylhexan-1-one

5-[[5-[[4-chlorophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester

Sub
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cont.

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6-[[5-[[[4-chlorophenyl)sulfonyl]amino]-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[4-(acetyloxy)-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[4-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[4-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[7-methyl-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

12. 6-[[2-Phenyl-1-(3-pyridyl)-1H-benzimidazol-5-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-(3-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-phenyl-1-(4-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-fluoro-phenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-methoxyphenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-bromophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-[4-(trifluoromethyl)phenyl]-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

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Sub
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cont.

6-[[1-phenyl-2-(benzothien-2-yl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-phenyl-2-(benzothien-2-yl)-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[5-methoxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid isopropyl ester

6-[[5-hydroxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-methoxy-1-(4-methylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-2-(4-fluorophenyl)-1-(4-methoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-(4-methoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

4-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]butanoic acid methyl ester

5-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester

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5-[[5-[[[(4-chlorophenyl)sulfonyl]amino]-1,2-diphenyl-1H-benzimidazol-6-yl]oxy]pentanoic acid methyl ester

6-[[5-[[[(4-(trifluoromethyl)phenyl)sulfonyl]amino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[5-[[[(4-chlorophenyl)sulfonyl]methylamino]-1-(4-methoxyphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid

6-[[1-(3-fluorophenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(4-nitrophenyl)-1-phenyl-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-phenyl-2-(3-pyridinyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

N-(cyclopropylmethoxy)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isobutoxy-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(cyclopropylmethoxy)-6-[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]-hexanamide

N-isobutoxy-6-[2-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-benzimidazol-6-yl]oxy]hexanamide

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N-(2-methoxyethyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(3-methoxypropyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isobutyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]-1-morpholin-1-ylhexan-1-one

N,N-di(-2-methoxyethyl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isopentyl-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(pyridin-2-yl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-(pyridin-3-yl)-6-[(1,2-diphenyl-1H-benzimidazol-6-yl)oxy]hexanamide

N-isopropyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N,N-dimethyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N,N-diethyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-isobutyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-cyclopropyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

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N-cyclobutyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-tert-butyl-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

(R)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]1-(2-methoxymethyl)-pyrrolidin-1-ylhexan-1-one

N-(3-imidazol-1-yl-propyl)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-(2-pyridin-2-ylethyl)-6-[[1-(3,4-dimethylphenyl)-2-phenyl-1H-benzimidazol-6-yl]oxy]hexanamide

N-(3-methoxypropyl)-6-[[1-(indan-5-yl)-2-phenyl-1H-benzimidazol-6-yl]oxy]heptanamide

6-[[1-(4-methylphenyl)-2-(3-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-(4-pyridyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-(2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-(3-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[2-(3-indolyl)-1-(4-methylphenyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-(2-furyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-(3-furyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

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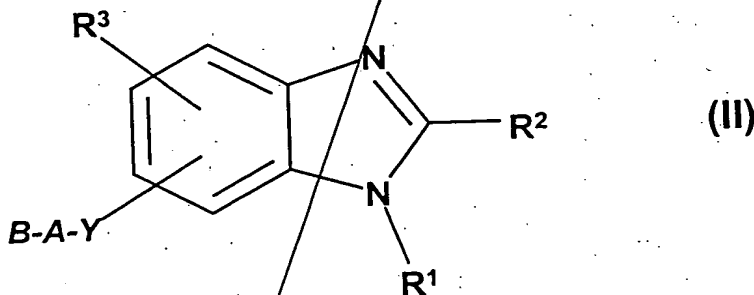
6-[[1-(4-methylphenyl)-2-(5-methyl-2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester

6-[[1-(4-methylphenyl)-2-(3-methyl-2-thienyl)-1H-benzimidazol-6-yl]oxy]hexanoic acid methyl ester.

13. Use of a compound according to one of claims 1-12 for the production of a pharmaceutical agent for treating or preventing diseases that are associated with a microglia activation.

14. Pharmaceutical agent, wherein it contains one or more compounds according to one of claims 1-12 and one or more vehicles.

15. Use of a benzimidazole of general formula II



in which

R^1 means a monocyclic or bicyclic C_{6-12} aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl group with 1-4 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl or heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

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F, Cl, Br, I, C(NH)NH₂, C(NH)NHR⁴, C(NH)NR⁴R^{4'},
C(NR⁴)NH₂, C(NR⁴)NHR^{4'}, C(NR⁴)NR⁴R^{4'}, XOH, XOR⁴, XOCOR⁴,
XOCONHR⁴, XOCOOR⁴, XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R^{4'},
XC(NO(COR⁴))R^{4'}, XCN, XCOOH, XCOOR⁴, XCONH₂, XCONR⁴R^{4'},
XCONHR⁴, XCONHOH, XCONHOR⁴, XCOSR⁴, XSR⁴, XSOR⁴, XSO₂R⁴,
SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R^{4'}, NO₂, XNH₂, XNHR⁴, XNR⁴R^{4'},
XNH₂SO₂R⁴, XN(SO₂R⁴)(SO₂R^{4'}), XNR⁴SO₂R^{4'}, XNH₂COR⁴, XNH₂COOR⁴,
XNH₂CONHR⁴, tetrahydro-2,5-dioxopyrrol-1-yl, 2,5-
dihydro-2,5-dioxopyrrol-1-yl, 2,7-dihydro-2,7-
dioxoisindol-1-yl, R⁴, whereby two substituents at R¹,
if they are in ortho-position to one another, can be
linked to one another in such a way that they jointly
form methanediylbisoxo, ethane-1,2-diylbisoxo, propane-
1,3-diyl, butane-1,4-diyl,

R² means a monocyclic or bicyclic C₆₋₁₀ aryl group or a
monocyclic or bicyclic 5- to 10-membered heteroaryl
group with 1-4 heteroatoms selected from the group that
consists of N, S or O, whereby the mentioned aryl or
heteroaryl group can be substituted with up to three of
the following substituents, independently of one
another:

F, Cl, Br, I, C(NH)NH₂, C(NH)NHR⁴, C(NH)NR⁴R^{4'},
C(NR⁴)NH₂, C(NR⁴)NHR^{4'}, C(NR⁴)NR⁴R^{4'}, XOH, XOR⁴, XOCOR⁴,
XOCONHR⁴, XOCOOR⁴, XCOR⁴, XC(NOH)R⁴, XC(NOR⁴)R^{4'},
XC(NO(COR⁴))R^{4'}, XCN, XCOOH, XCOOR⁴, XCONH₂, XCONR⁴R^{4'},
XCONHR⁴, XCONHOH, XCONHOR⁴, XCOSR⁴, XSR⁴, XSOR⁴, XSO₂R⁴,
SO₂NH₂, SO₂NHR⁴, SO₂NR⁴R^{4'}, NO₂, XNH₂, XNHR⁴, XNR⁴R^{4'},

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$\text{XNH}\text{SO}_2\text{R}^4$, $\text{XN}(\text{SO}_2\text{R}^4)(\text{SO}_2\text{R}^{4'})$, $\text{XNR}^4\text{SO}_2\text{R}^{4'}$, XNHCOR^4 , XNHCOOR^4 , XNHCONHR^4 , tetrahydro-2,5-dioxopyrrol-1-yl, 2,5-dihydro-2,5-dioxopyrrol-1-yl, 2,7-dihydro-2,7-dioxoisindol-1-yl, R^4 , whereby two substituents at R^2 , if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediyl-bisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-diyl,

R^3 stands for one or two substituents, which form, independently of one another:

hydrogen, F, Cl, Br, I, XOH , XOR^4 , XOCOR^4 , XOCONHR^4 , XOCOOR^4 , XCOR^4 , $\text{XC}(\text{NOH})\text{R}^4$, $\text{XC}(\text{NOR}^4)\text{R}^{4'}$, $\text{XC}(\text{NO}(\text{COR}^4))\text{R}^{4'}$, XCN , XCOOH , XCOOR^4 , XCONH_2 , XCONHR^4 , $\text{XCONR}^4\text{R}^{4'}$, XCONHOH , XCONHOR^4 , XCOSR^4 , XSR^4 , XSOR^4 , XSO_2R^4 , SO_2NH_2 , SO_2NHR^4 , $\text{SO}_2\text{NR}^4\text{R}^{4'}$, NO_2 , XNH_2 , XNHR^4 , $\text{XNR}^4\text{R}^{4'}$, $\text{XNH}\text{SO}_2\text{R}^4$, $\text{XNR}^4\text{SO}_2\text{R}^{4'}$, $\text{XN}(\text{SO}_2\text{R}^4)(\text{SO}_2\text{R}^{4'})$, XNHCOR^4 , XNHCOOR^4 , XNHCONHR^4 , tetrahydro-2,5-dioxopyrrol-1-yl, 2,5-dihydro-2,5-dioxopyrrol-1-yl, 2,7-dihydro-2,7-dioxoisindol-1-yl, R^4 , whereby two substituents at R^3 , if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxo, ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-diyl,

R^4 and $\text{R}^{4'}$, independently of one another, mean C_{1-4}

perfluoroalkyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_3 -cycloalkyl, (C_{1-3} alkyl- C_{3-7} cycloalkyl), C_{1-3} alkyl- C_{6-10} aryl, C_{1-3} alkyl 5 to 10-membered heteroaryl, with 1-4

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N, S or O atoms, C_{6-10} aryl or 5- to 10-membered heteroaryl with 1-4 N, S or O atoms, whereby the C_{6-10} aryl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F, Cl, Br, CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 or else can carry an annelated methanediylbisoxo group or ethane-1,2-diylbisoxo group, and in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl,

R^5 and $R^{5'}$, independently of one another, mean hydrogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, whereby a carbon atom can be exchanged for O, S, SO, SO_2 , NH, N C_{1-3} alkyl or N C_{1-3} alkanoyl,

C_{3-7} cycloalkyl- C_{0-3} alkyl, whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl,

C_{6-10} aryl or 5- to 10-membered heteroaryl with 1-4 heteroatoms from N, S, and O, whereby the mentioned alkyl, alkenyl and alkynyl chains can be substituted with one of the previously mentioned cycloalkyls, aryls or heteroaryls,

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whereby all previously mentioned alkyl and cycloalkyl radicals with up to two substituents consisting of CF_3 , C_2F_5 , OH , O C_{1-3} alkyl, NH_2 , NH C_{1-3} alkyl, NH C_{1-3} alkanoyl, $\text{N (C}_{1-3} \text{ alkyl)}_2$, $\text{N(C}_{1-3} \text{ alkyl)(C}_{1-3} \text{ alkanoyl)}$, COOH , CONH_2 , COO C_{1-3} alkyl and all previously mentioned aryl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F , Cl , Br , CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 or else can carry an annelated methanediylbisoxy, ethane-1,2-diylbisoxy group, or R^5 and $\text{R}^{5'}$ together with the nitrogen atom form a 5-to 7-membered heterocyclic compound, which can contain another oxygen, nitrogen or sulfur atom and can be substituted with C_{1-4} alkyl, C_{1-4} alkoxy- C_{0-2} alkyl, C_{1-4} alkoxy-carbonyl, aminocarbonyl or phenyl,

- A means C_{1-10} alkanediyl, C_{2-10} alkenediyl, C_{2-10} alkinediyl, $(\text{C}_{0-5} \text{ alkanediyl-C}_{3-7} \text{ cycloalkanediyl-C}_{0-5} \text{ alkanediyl})$, $(\text{C}_{0-5} \text{ alkanediylarylene-C}_{0-5} \text{ alkanediyl})$, $(\text{C}_{0-5} \text{ alkanediyl-heteroarylene-C}_{0-5} \text{ alkanediyl})$, whereby the aryl and heteroaryl groups can be substituted with one or two substituents that consist of F , Cl , Br , CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 , whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O , and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O , whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl,

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whereby in the mentioned aliphatic chains, a carbon atom or two carbon atoms can be exchanged for O, NH, NR⁴, NCOR⁴, NSO₂R⁴, and whereby alkyl or cycloalkyl groups can be substituted with up to two substituents consisting of F, OH, OR⁴, OCOR⁴, =O, NH₂, NR⁴R^{4'}, NHCOR⁴, NHCOOR⁴, NHCONHR⁴, NHSO₂R⁴ SH, SR⁴,

B means hydrogen, OH, OCOR⁵, OCONHR⁵, OCOOR⁵, COR⁵, C(NOHR⁵)R^{5'}, C(NOR⁵)R^{5'}, C(NO(COR⁵))R^{5'}, COOH, COOR⁵, CONH₂, CONHNH₂, CONHR⁵, CONR⁵R^{5'}, CONHOH, CONHOR⁵, SO₃H, SO₂NH₂, SO₂NHR⁵, SO₂NR⁵R^{5'}, PO₃H, PO(OH)(OR⁵), PO(OR⁵)(OR^{5'}), PO(OH)(NHR⁵), PO(NHR⁵)(NHR^{5'}), tetrazolyl, respectively bonded to a carbon atom of group A,

or the entire group Y-A-B N(SO₂R⁴)(SO₂R^{4'}) or NHSO₂R⁴,

X means a bond, CH₂, (CH₂)₂, CH(CH₃), (CH₂)₃, CH(CH₂CH₃), CH(CH₃)CH₂, CH₂CH(CH₃),

Y means a bond, O, S, SO, SO₂, NH, NR⁴, NCOR⁴, NSO₂R⁴, for the production of a pharmaceutical agent for treating or preventing diseases that are associated with a microglia activation.

16. Use according to claim 15, whereby in general formula II,

R¹ means a monocyclic or bicyclic aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl

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group with 1-2 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl or heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

F, Cl, Br,

XOH, XOR^4 , XOCOR^4 , XOCONHR^4 , XOCOOR^4 ,

XCOR^4 , XCN , XCOOH , XCOOR^4 , XCONH_2 , $\text{XCONR}^4\text{R}^{4'}$, XCONHR^4 ,

XCONHOH ,

XCONHOR^4 , XCOSR^4 , XSR^4 , NO_2 , XNHR^4 , $\text{XNR}^4\text{R}^{4'}$,

R^4 ,

whereby two substituents at R^1 , if they are in ortho-position to one another, can be linked to one another in such a way that they jointly form methanediylbisoxy, ethane-1,2-diylbisoxy, propane-1,3-diyl, butane-1,4-diyl.

17. Use according to claim 15 or 16, whereby in general formula II,

Sub A3
 R^2 means a monocyclic or bicyclic aryl group or a monocyclic or bicyclic 5- to 10-membered heteroaryl group with 1-2 heteroatoms selected from the group that consists of N, S or O, whereby the mentioned aryl group or heteroaryl group can be substituted with up to three of the following substituents, independently of one another:

F, Cl, Br, XOH, XOR^4 , XOCOR^4 , XOCONHR^4 , XOCOOR^4 ,

XCOR^4 , $\text{XC}(\text{NOH})\text{R}^4$,

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$\text{XC}(\text{NOR}^4)\text{R}^{4'}$, $\text{XC}(\text{NO}(\text{COR}^4))\text{R}^{4'}$, XCN , XCOOH , XCOOR^4 , XCONH_2 ,
 $\text{XCONR}^4\text{R}^{4'}$,
 XCONHR^4 , XCONHOH , XCONHOR^4 , XCOSR^4 , XSR^4 , XSOR^4 , XSO_2R^4 ,
 SO_2NH_2 , SO_2NHR^4 , $\text{SO}_2\text{NR}^4\text{R}^{4'}$, NO_2 , XNH_2 , XNHR^4 , $\text{XNR}^4\text{R}^{4'}$,
 $\text{XNH}\text{SO}_2\text{R}^4$,
 $\text{XN}(\text{SO}_2\text{R}^4)(\text{SO}_2\text{R}^{4'})$, $\text{XNR}^4\text{SO}_2\text{R}^{4'}$, XNHCOR^4 , XNHCOOR^4 ,
 XNHCONHR^4 , R^4 ,

whereby two substituents at R^2 , if they are in ortho-
 position to one another, can be linked to one another
 in such a way that they jointly form methanediylbisoxo,
 ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-
 diyl.

18. Use according to claims 15-17, whereby in general
 formula II

R^3 stands for one or two substituents, which independently
 of one another, mean:

hydrogen, F, Cl, Br, XOH , XOR^4 , XOCOR^4 , XOCONHR^4 ,
 XOCOOR^4 , XCOR^4 , $\text{XC}(\text{NOH})\text{R}^4$, $\text{XC}(\text{NOR}^4)\text{R}^{4'}$, $\text{XC}(\text{NO}(\text{COR}^4))\text{R}^{4'}$,
 XCN , XSR^4 , XSOR^4 , XSO_2R^4 , SO_2NH_2 , SO_2NHR^4 , $\text{SO}_2\text{NR}^4\text{R}^{4'}$, NO_2 ,
 XNH_2 , XNHR^4 , $\text{XNR}^4\text{R}^{4'}$, $\text{XNH}\text{SO}_2\text{R}^4$, $\text{XNR}^4\text{SO}_2\text{R}^{4'}$,
 $\text{XN}(\text{SO}_2\text{R}^4)(\text{SO}_2\text{R}^{4'})$, XNHCOR^4 , XNHCOOR^4 , XNHCONHR^4 , or R^4 ,

whereby two substituents R^3 , if they are in ortho-
 position to one another, can be linked to one another
 in such a way that they jointly form methanediylbisoxo,
 ethane-1,2-diylbisoxo, propane-1,3-diyl, butane-1,4-
 diyl.

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19. Use according to claims 15-18, whereby in general formula II

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 R^4 and $R^{4'}$, independently of one another, mean CF_3 , C_2F_5 , C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{3-6} cycloalkyl, (C_{1-3} alkyl- C_{3-6} cycloalkyl), C_{1-3} alkylaryl, C_{1-3} alkylheteroaryl, monocyclic aryl or 5- to 6-membered heteroaryl with 1-2 N, S or O atoms, whereby the aryl and heteroaryl groups can be substituted with one or two substituents from the group that consists of F, Cl, Br, CH_3 , C_2H_5 , NO_2 , OCH_3 , OC_2H_5 , CF_3 , C_2F_5 or else can carry an annelated methanediylbisoxo or ethane-1,2-diylbisoxo group, and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl.

20. Use according to claims 15-19, whereby in general formula II

R^5 and $R^{5'}$, independently of one another, can be C_{1-6} alkyl, whereby a carbon atom can be exchanged for O, NH, N C_{1-3} alkyl, N C_{1-3} alkanoyl, C_{3-7} cycloalkyl- C_{0-3} alkyl, whereby in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N and/or O, whereby ring nitrogens optionally can be substituted with C_{1-3} alkyl or C_{1-3} alkanoyl, whereby the

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mentioned C₁₋₆ alkyl part can be substituted with one of the previously mentioned cycloalkyls or else a 5- to 6-membered heteroaromatic compound with 1-2 heteroatoms, selected from the group that consists of N, S or O, whereby all previously mentioned alkyl and cycloalkyl parts can be substituted with up to two substituents that consist of CF₃, OH, O C₁₋₃ alkyl, and the previously mentioned heteroaryl groups can be substituted with one or two substituents that consist of F, Cl, CF₃, CH₃, C₂H₅, OCH₃, OC₂H₅, or R⁵ and R^{5'} together with the nitrogen atom form a 5- to 7-membered heterocyclic compound, which can contain another oxygen, nitrogen or sulfur atom and can be substituted with C₁₋₄ alkyl, C₁₋₄ alkoxy-C₀₋₂ alkyl, C₁₋₄ alkoxy-carbonyl, aminocarbonyl or phenyl.

21. Use according to claims 15-20, whereby in general formula II

A means C₁₋₁₀ alkanediyl, C₂₋₁₀ alkenediyl, C₂₋₁₀ alkinediyl, (C₀₋₅ alkanediyl-C₃₋₇ cycloalkanediyl-C₀₋₅ alkanediyl), or (C₀₋₅ alkanediyl-heteroarylene-C₀₋₅ alkanediyl), whereby an optionally present heteroaryl group can be substituted with one or two substituents that consist of F, Cl, Br, CH₃, C₂H₅, NO₂, OCH₃, OC₂H₅, CF₃, C₂F₅, and in addition in a 5-membered cycloalkyl ring, a ring member can be an N or an O, and in a 6- or 7-membered cycloalkyl ring, one or two ring members can be N

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and/or O, whereby ring nitrogens optionally can be substituted with C₁₋₃ alkyl or C₁₋₃ alkanoyl, whereby in an aliphatic chain, a carbon atom or two carbon atoms can be exchanged for O, NH, N C₁₋₃ alkyl, N C₁₋₃ alkanoyl, NSO₂ C₁₋₃ alkyl, and whereby alkyl or cycloalkyl parts can be substituted with up to two F atoms or one of the substituents that consists of OH, O C₁₋₃ alkyl, O C₁₋₃ alkanoyl, =O, NH₂, NH C₁₋₃ alkyl, N (C₁₋₃ alkyl)₂, NH C₁₋₃ alkanoyl, N (C₁₋₃ alkyl) (C₁₋₃ alkanoyl), NHCOO C₁₋₃ alkyl, NHCONH C₁₋₃ alkyl, NHSO₂ C₁₋₃ alkyl, SH, S C₁₋₃ alkyl.

22. Use according to claims 15-21, whereby in general formula II

B means hydrogen, OH, OCOR⁵, OCONHR⁵, OCOOR⁵, COOH, COOR⁵, CONH₂, CONHR⁵, CONR⁵R^{5'}, CONHOH, CONHOR⁵, or tetrazolyl, in each case bonded to a carbon atom of group A.

23. Use according to claims 15-22, whereby in general formula II,

X means a bond or CH₂.

24. Use according to claims 15-23, whereby in general formula II,

Y means a bond, O, S, NH, NR⁴, NCOR⁴ or NSO₂R⁴.

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Add B3

add C8